

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Previously presented): A method of cleaning a membrane filtration module, the module comprising, an upper header, a lower header, and at least one membrane situated in a feed-containing vessel, wherein the membrane extends longitudinally between the upper header and the lower header, wherein a first end of the membrane is potted in the upper header, wherein a second end of the membrane is potted in the lower header, wherein the upper header and the lower header are vertically spaced, wherein at least one of the upper header and the lower header comprises at least one opening, and wherein the membrane comprises a permeable wall, the method comprising:

- a) applying a feed comprising at least one contaminant to a first side of the permeable wall and withdrawing a filtrate from a second side of the permeable wall;
- b) suspending applying the feed and withdrawing the filtrate;
- c) cleaning the permeable wall, whereby the contaminant is dislodged from the permeable wall and into a liquid surrounding the membrane;
- d) sweeping the feed-containing vessel in a direction substantially parallel to the membrane, whereby the liquid containing contaminant is removed through the opening; and
- e) recommencing applying the feed and withdrawing the filtrate.

Claim 2 (Original): The method according to claim 1, wherein the opening is in the lower header and wherein the filtrate is withdrawn from the upper header.

Claim 3 (Original): The method according to claim 1, further comprising:

- f) introducing a gas into the module through the opening, whereby bubbles are produced which scour the permeable wall during cleaning.

Claim 4 (Original): The method according to claim 1, wherein sweeping is performed

concurrently with cleaning.

Claim 5 (Previously presented): The method according to claim 1, wherein sweeping is high velocity sweeping.

Claim 6 (Original): The method according to claim 1, wherein sweeping is conducted by applying a fluid under pressure to the feed-containing vessel.